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German Democratic Republic

FDD Abstract of [REDACTED] 1A

FERROALLOY PRODUCTION 1952 - 1955 (2pp; German; 3 Jan 52; date of info.: [REDACTED]  
25X1A distr. date: 8 Oct 52) [REDACTED]

[REDACTED] This document is a copy of a file note prepared by the Hauptabteilung Eisenindustrie, Abteilung Stahlverarbeitung (Steel Processing Section of the Main Iron Industry Department), Berlin. The production plans for ferrotitanium, ferrovanadium, ferrotungsten, and ferromolybdenum are not mentioned because the Bitterfeld plant producing these alloys is subordinate to a SAG (Soviet Corporation) and not to the Main Department for the Iron Industry.

This document is a photostated copy of a report by the Main Department for the Iron Industry, Steel Processing Section, showing:

I. The planned ferroalloy production for 1952-1955 in the plants under the Main Department for the Iron Industry. Production goals for ferromanganese, ferrochromium, ferrosilicon, and [REDACTED] silicomanganese are indicated in tons per year, e.g., ferromanganese, carburized, 70 % manganese: 5,700 for 1952; 6,700 for 1953; 9,300 for 1954; and 13,200 for 1955.

II. The number of ferroalloy furnaces in operation as of 1 January 1951, including one electric furnace of 750 kVA, two of 2,300 kVA, six of 3,000 kVA, and one of 13,100 kVA. The production capacity of these furnaces in tons per day, assuming a normal 340 days of production [per year], is indicated, e.g., refined ferromanganese, 15.2, carburized ferromanganese, 6. in a 3,000 kVA furnace; ferrosilicon, 35. in a 7,500 kVA furnace: etc. The electric power consumption per furnace in kWh/ton is given, for instance 5,900 for the production of 45 % ferrosilicon in a 7,500 kV furnace.

III. Production is so planned that, with imports, the presumed requirements of the GDR steel plants will be covered.

IV. The production of alloy steels for the years 1952 - 1955 is indicated [probably in tons per year], i.e., high-grade steel 300,000 in 1952; 400,000 in 1953; 450,000 in 1954; 500,000 in 1955. There is no breakdown as to individual types of high-grade steel or as to alloy contents of the steels.

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5 November 1952

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